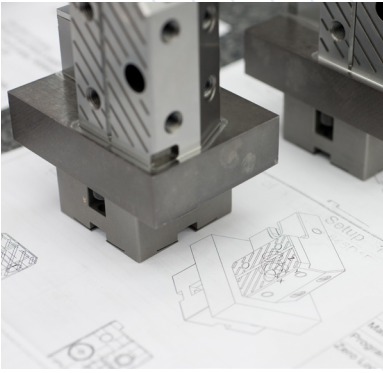


PUERTO RICO

Making an Impact on U.S. Manufacturing
MANUFACTURING EXTENSION PARTNERSHIP



Puerto Rico Manufacturing Extension Inc.

PRiMEX is a private non-profit organization, supported through of Puerto Rico Industrial Development Company (PRIDCO) and the Manufacturing Extension Partnership (MEP), a program under the National Institute of Standards and Technology (NIST). As part of a national network, PRiMEX supports the needs of all Puerto Rico's small and medium enterprises (SME's) by providing services to improve their business processes.

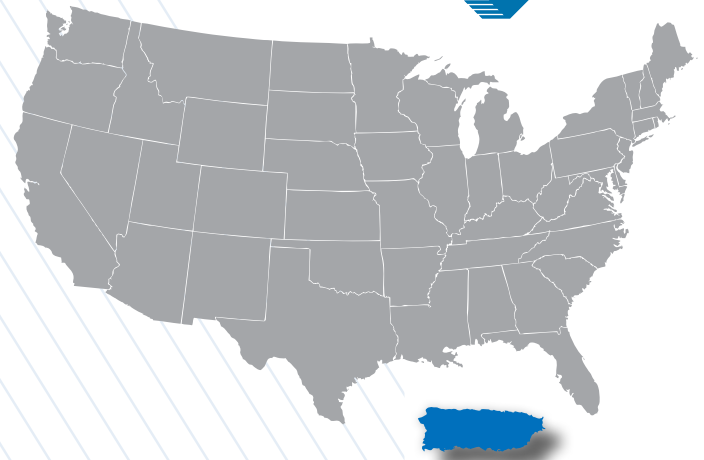
The national network allows PRiMEX to leverage nationwide resources that previously had not been accessible to the Puerto Rican industrial base. These "partnerships" includes research laboratories for technology transfers and knowledge sharing, national associations and industry related organizations.

For more information, contact

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MEP • MANUFACTURING
EXTENSION PARTNERSHIP



THE MEP NETWORK

Puerto Rico MEP CLIENT IMPACTS

Impacts are based on clients receiving service in FY2012

Total Increased/
Retained Sales



\$50.15 Million

Total Increased/
Retained Jobs



2,394

New Client
Investments



\$19.96 Million

WWW.NIST.GOV/MEP • 1-800-MEP-4MFG

U.S. DEPARTMENT OF COMMERCE • NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY • MANUFACTURING EXTENSION PARTNERSHIP

CLIENT SUCCESS: MED TECH PR/ VENTION MEDICAL

“PRiMEX has been instrumental in providing expertise and resources to improve the productivity and quality of our manufacturing operations. I have recommended to all of our customers the services of PRiMEX.”

Jose Sadurni, Plant Manager

Energy and Operational Improvements at MedTech Puerto Rico

MedTech Puerto Rico, Inc. located in Vega Baja, PR has over 240 employees. MedTech manufactures precision injection-molded plastics components for use in medical devices; subcontract manufacturer, assembly, and packaging of sterile and non-sterile plastic molded and electromechanical medical devices. It is a division of Vention Medical, Inc. of South Plainfield, NJ (www.medtech-grp.com).

Situation:

Initially, MedTech had contracted the Puerto Rico Manufacturing Extension, Inc. (PRiMEX), a NIST MEP affiliate, about performing an energy assessment due to the company's high consumption of electricity. The assessment was completed and the recommendations were submitted. In the process of assisting in the implementation, some performance issues were brought up by the Operations Manager. Such as high scrap levels and customer's complaints and returns as a result of poor process control. These factors and the economic downturn were impacting the company's profitability.

Solution:

Several activities were devised and implemented to improve the situation. Specifically, PRiMEX provided: a workshop for 12 operators; project management training to improve the effectiveness of the management group; engineering resources for the development of standard work instructions to improve productivity and quality; review and analysis of customer's complaints and returns in order to reduce recurrence; recommendations to reduce scrap cost, including standard cost validation and line balancing; and assistance in the implementation of a more robust Enterprise Resource Planning (ERP) system to control material from receiving to shipping dock.

Results:

- * 26% reduction in customer complaints
- * Energy assessment resulted in conservation opportunities of \$50,606
- * Scrap cost reduction of 24%
- * Standard work instructions for over 200 injection molded components
- * Labor content reduction equivalent to \$40,000
- * Over 30 employees trained in new system

Energy assessment
resulted in conservation
opportunities of \$50,606